

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043414.D
 Acq On : 30 Oct 2019 23:46
 Operator : JU
 Sample : K5569-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:12:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

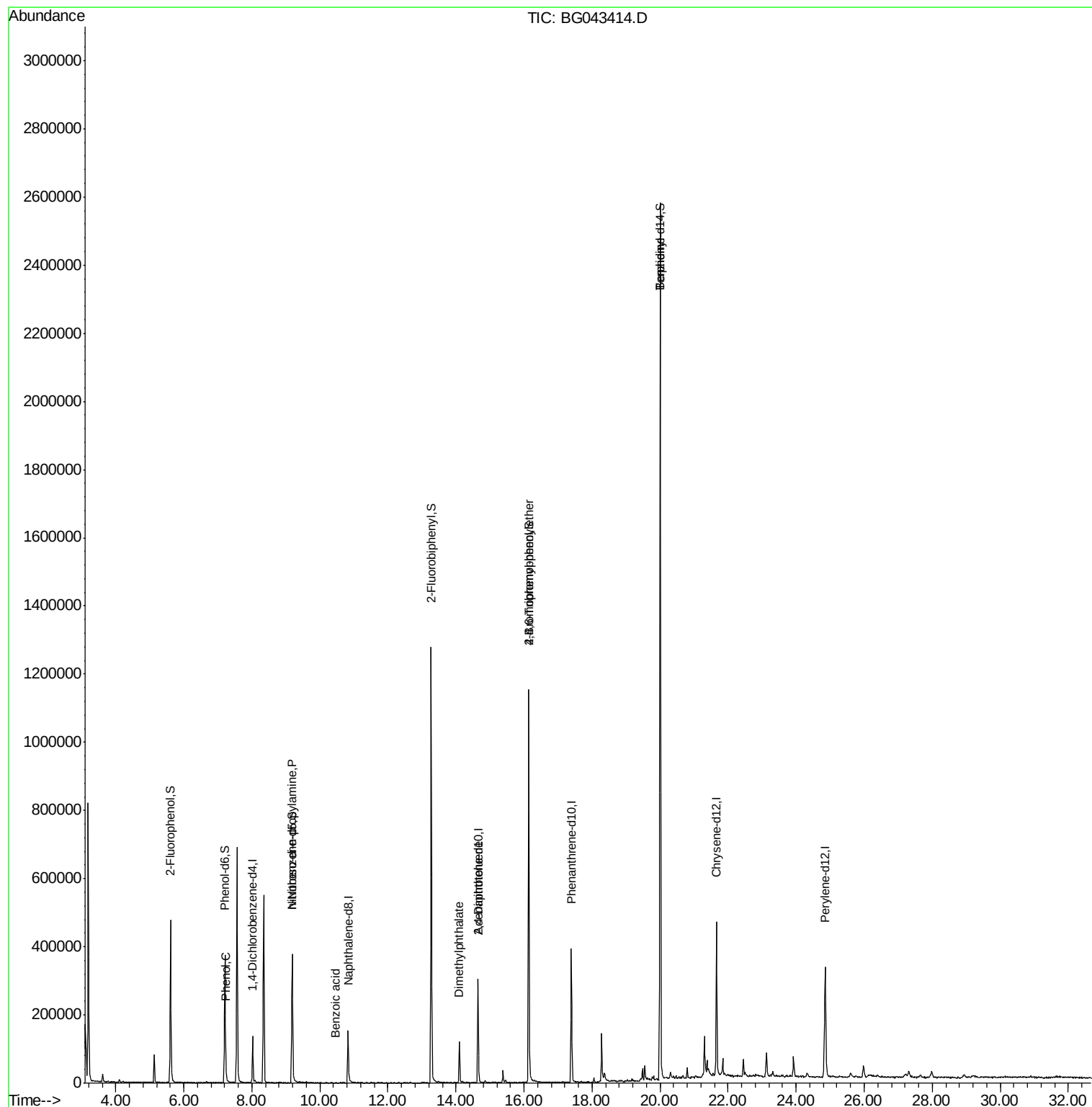
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42066	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	150964	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	115881	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	278336	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	296484	20.00	ng	-0.01
87) Perylene-d12	24.85	264	354543	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	234504	102.15	ng	0.00
7) Phenol-d6	7.20	99	241447	73.10	ng	0.00
23) Nitrobenzene-d5	9.18	82	256001	87.42	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	287924	130.56	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	736469	87.82	ng	0.00
79) Terphenyl-d14	20.01	244	1451363	91.84	ng	0.00
Target Compounds						
10) Phenol	7.23	94	12845	4.256	ng	91
19) n-Nitroso-di-n-propylamine	9.18	70	38318	17.954	ng	# 71
32) Benzoic acid	10.45	122	71	9.088	ng	# 1
50) Dimethylphthalate	14.10	163	92232	10.276	ng	99
57) 2,4-Dinitrotoluene	14.65	165	15904	5.707	ng	# 24
67) 4-Bromophenyl-phenylether	16.13	248	19085	5.095	ng	# 1
77) Benzidine	20.01	184	21627	3.625	ng	# 92

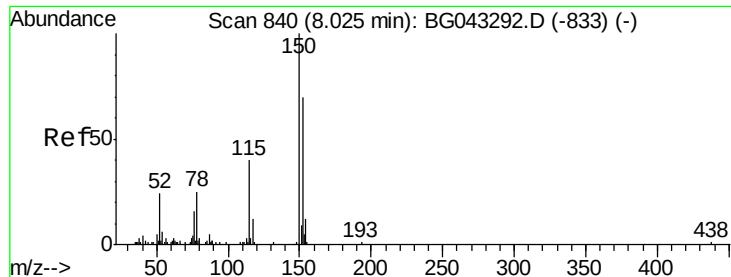
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
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ALS Vial : 15 Sample Multiplier: 1

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QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration



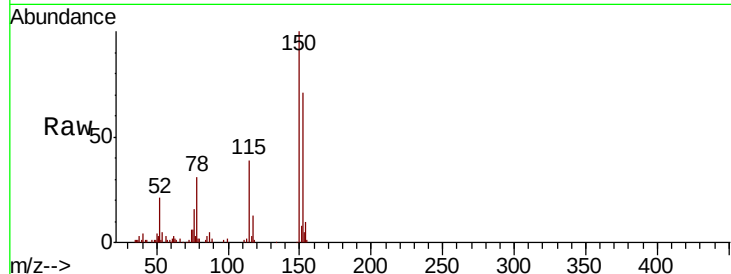


#1

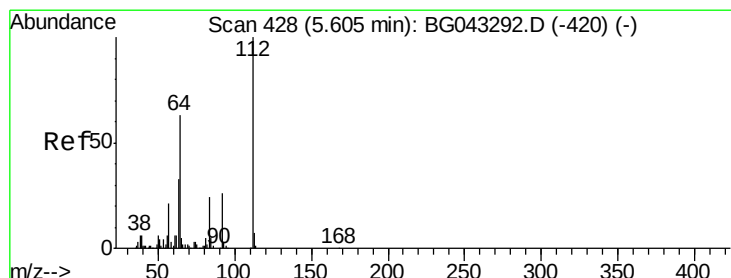
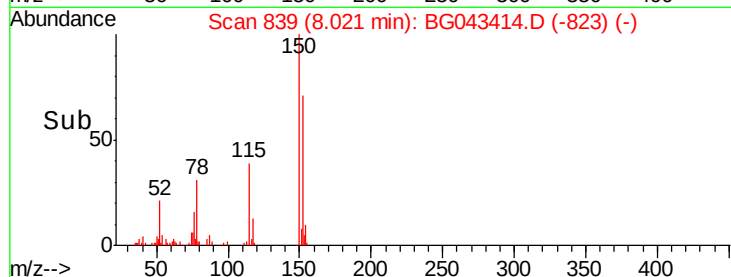
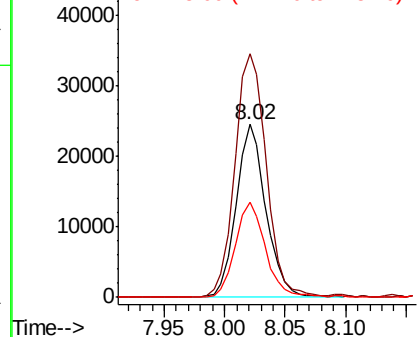
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42066
Ion Ratio Lower Upper
152 100
150 140.6 113.6 170.4
115 54.7 45.9 68.9



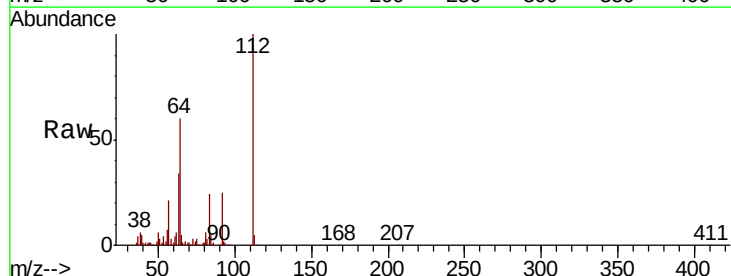
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



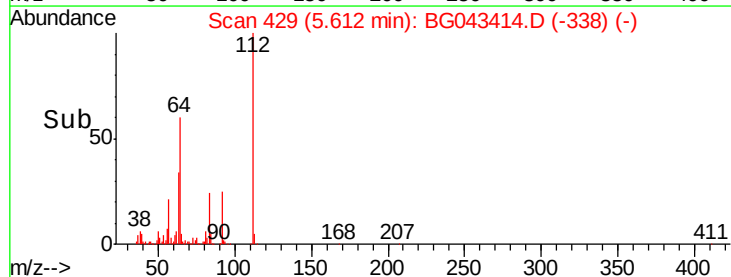
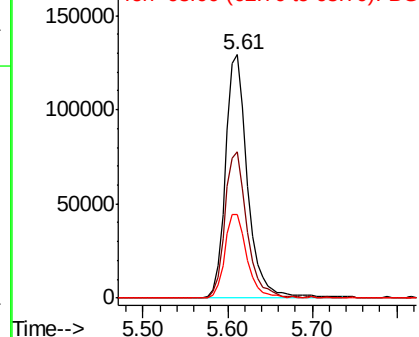
#5

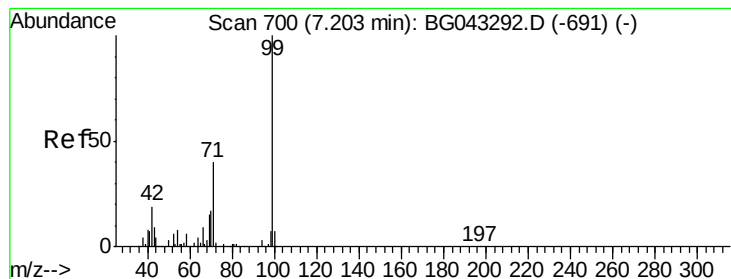
2-Fluorophenol
Concen: 102.153 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

Tgt Ion:112 Resp: 234504
Ion Ratio Lower Upper
112 100
64 59.9 50.2 75.2
63 34.5 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 73.103 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

Instrument :

BNA_G

ClientSampleId :

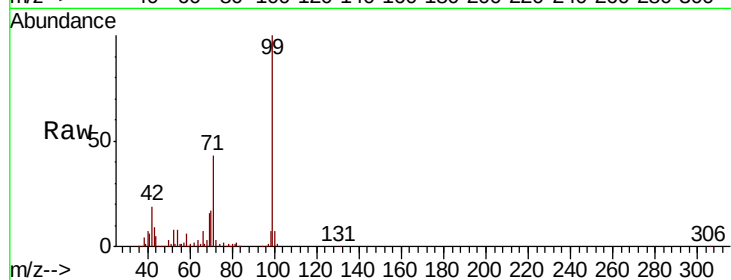
Tot Ion: 99 Resp: 241447

Ion Ratio Lower Upper

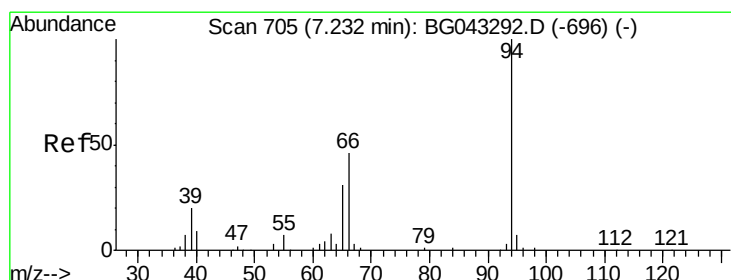
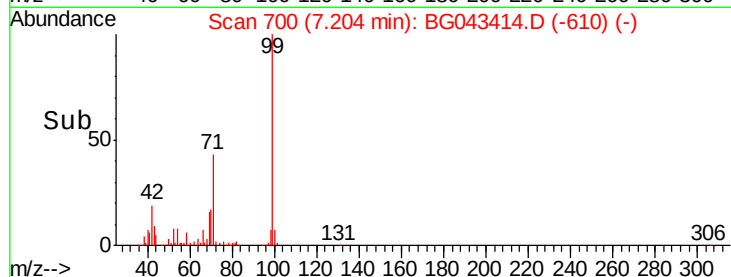
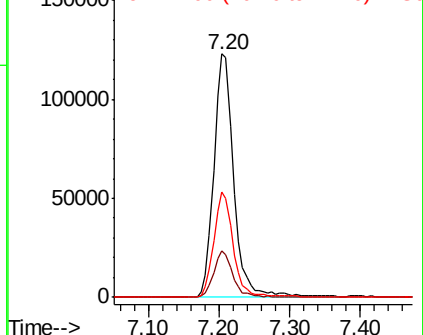
99 100

42 19.0 14.9 22.3

71 43.2 32.2 48.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 4.256 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

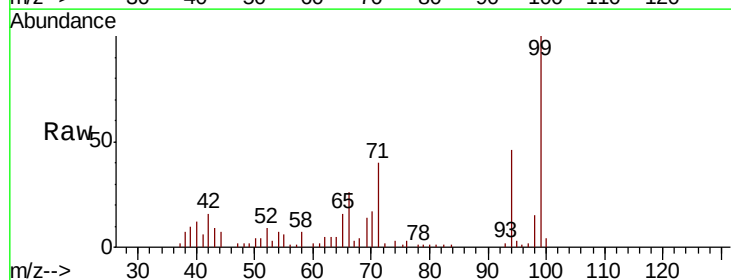
Tgt Ion: 94 Resp: 12845

Ion Ratio Lower Upper

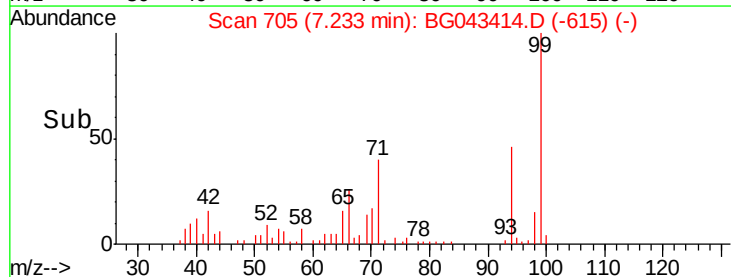
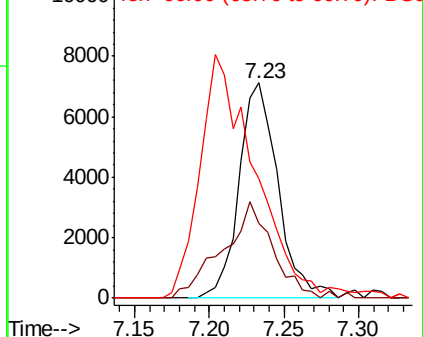
94 100

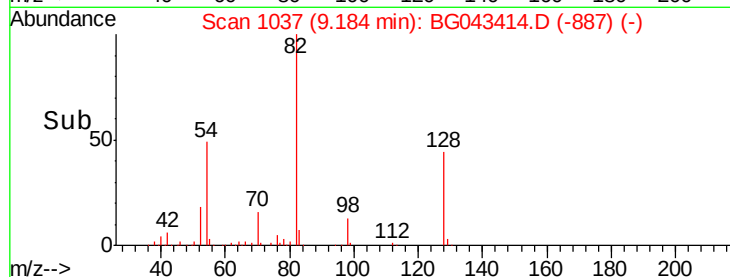
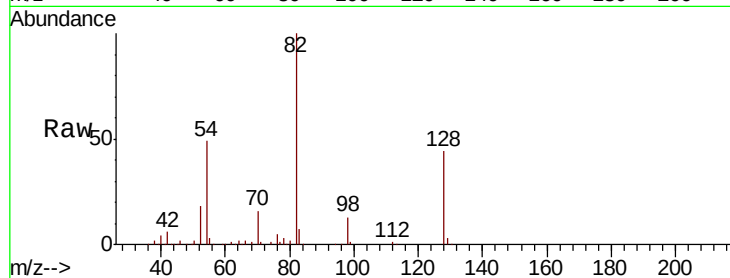
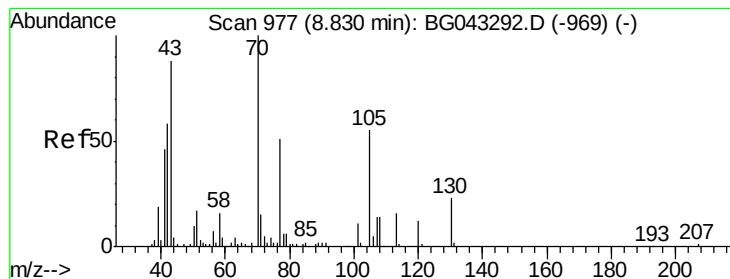
65 34.6 11.1 51.1

66 55.3 27.8 67.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 17.954 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 38318

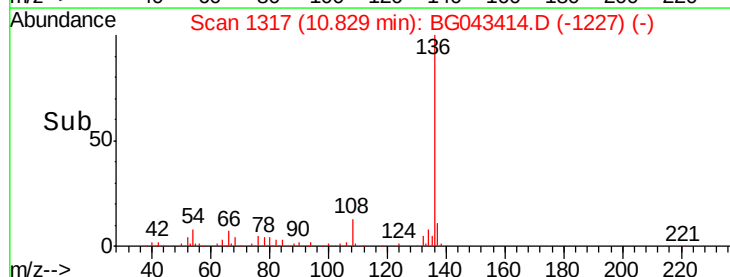
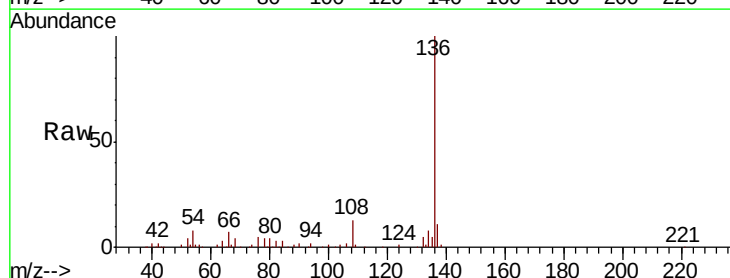
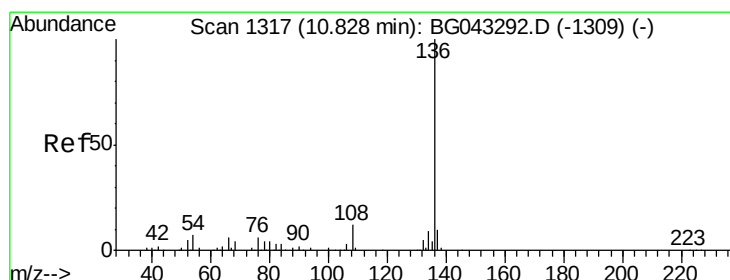
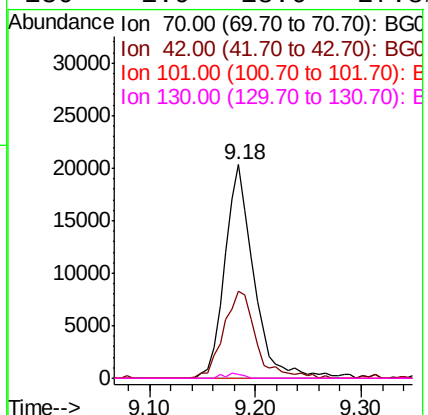
Ion Ratio Lower Upper

70 100

42 40.6 46.2 69.2#

101 0.0 8.6 13.0#

130 1.9 18.6 27.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

Tgt Ion: 136 Resp: 150964

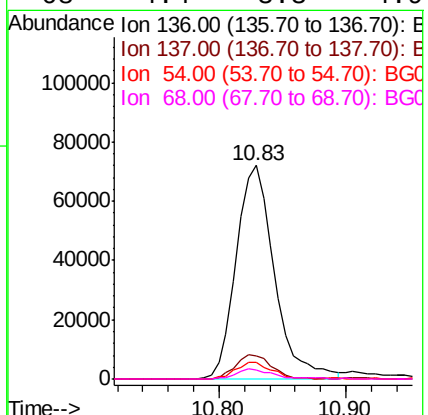
Ion Ratio Lower Upper

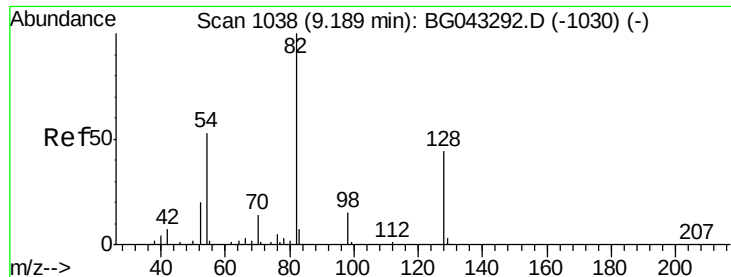
136 100

137 11.0 8.2 12.2

54 7.8 5.4 8.2

68 4.4 3.3 4.9

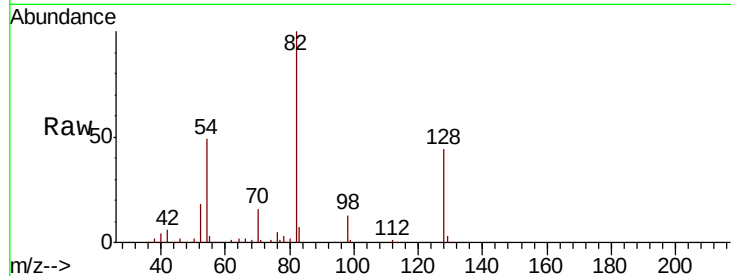




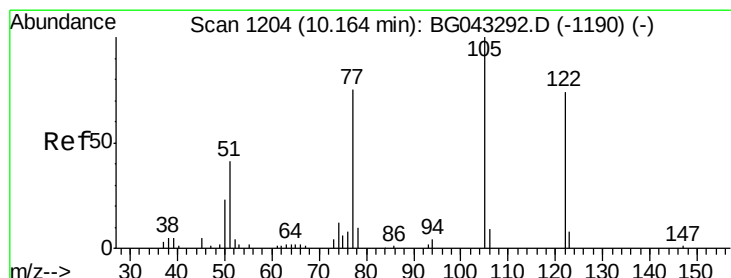
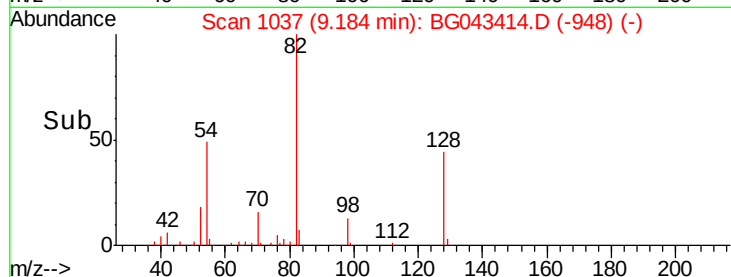
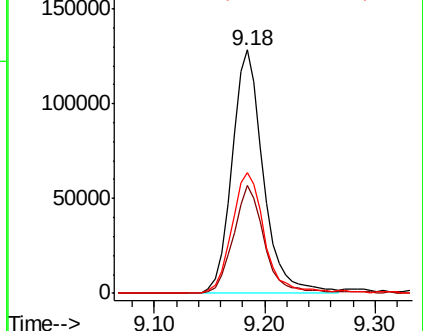
#23
Nitrobenzene-d5
Concen: 87.425 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	256001
Ion Ratio	100	Lower	Upper
128	44.3	35.3	52.9
54	49.4	42.3	63.5

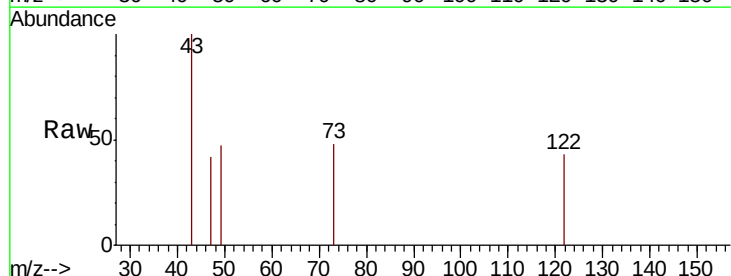


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

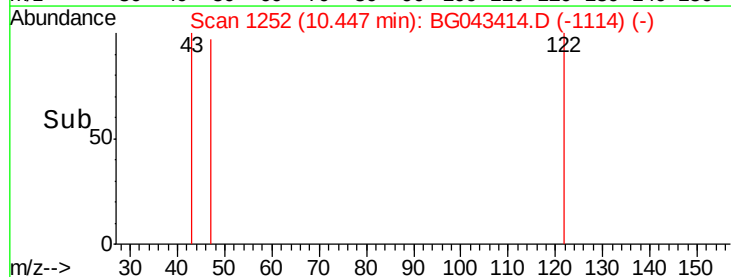
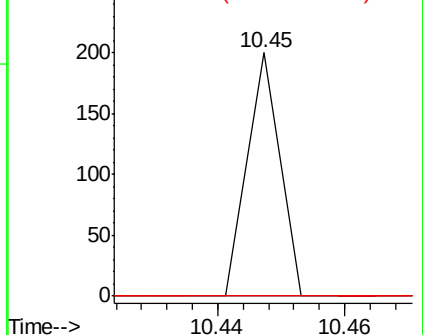


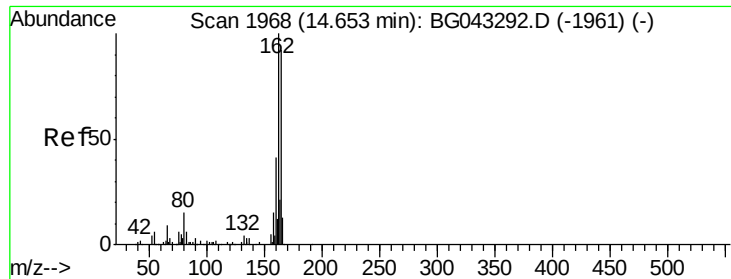
#32
Benzoic acid
Concen: 9.088 ng
RT: 10.45 min Scan# 1252
Delta R.T. 0.28 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

Tgt Ion	122	Resp	71
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	0.0	112.4	152.4#
77	0.0	82.7	122.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

Instrument :

BNA_G

ClientSampleId :

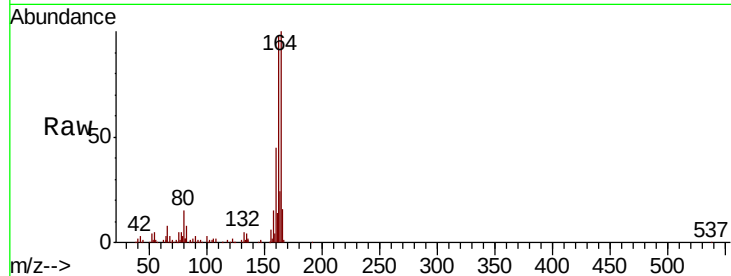
Tot Ion:164 Resp: 115881

Ion Ratio Lower Upper

164 100

162 98.0 87.0 130.4

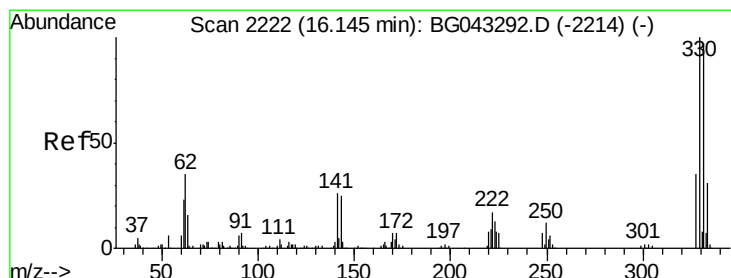
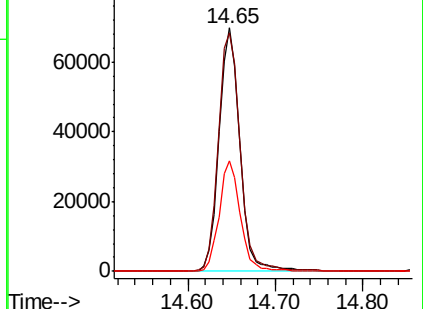
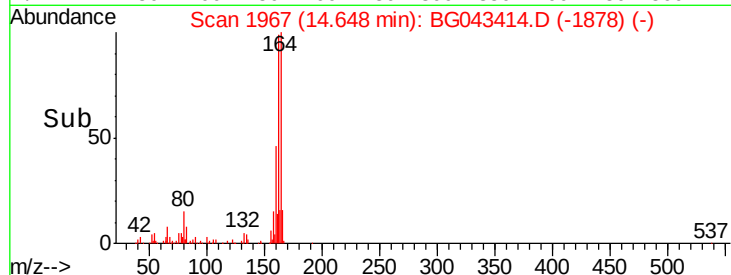
160 45.2 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 130.565 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

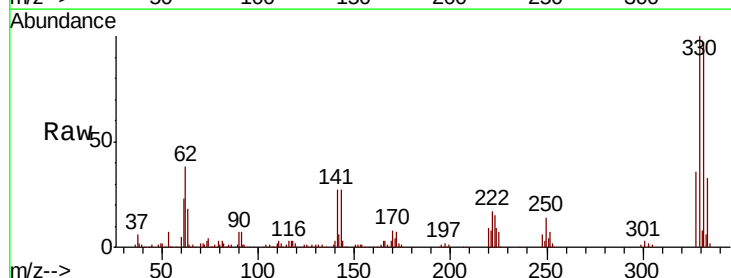
Tgt Ion:330 Resp: 287924

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

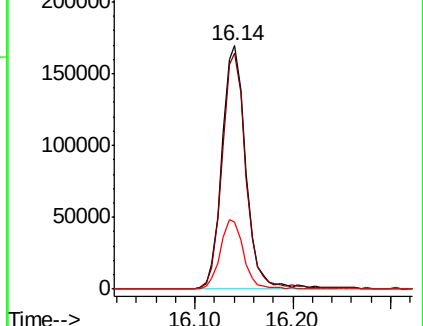
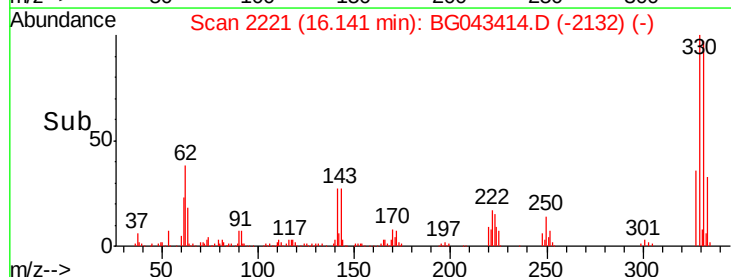
141 28.2 21.4 32.0

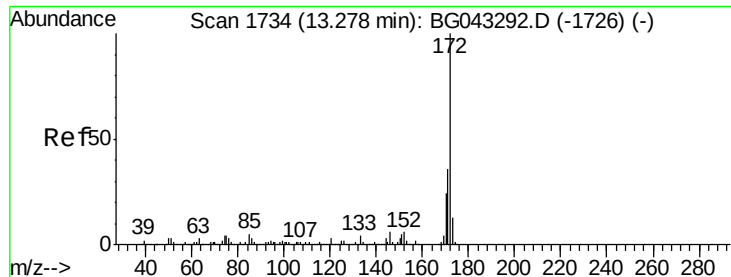


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

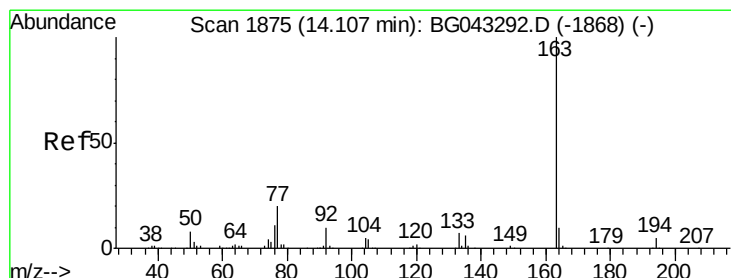
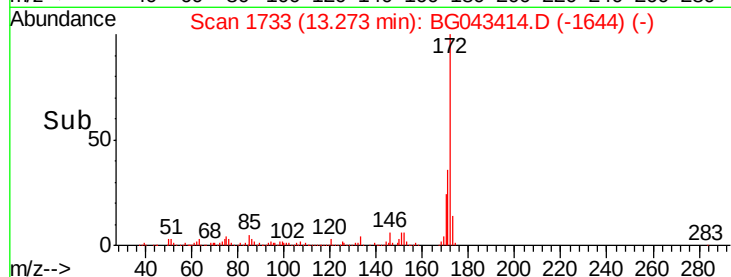
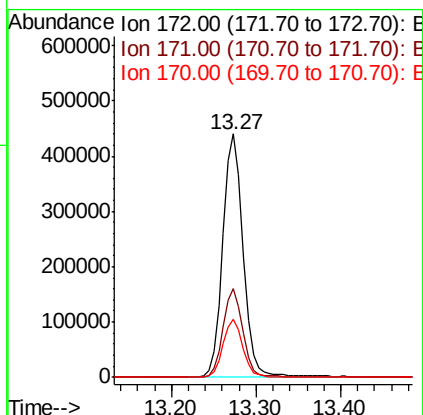
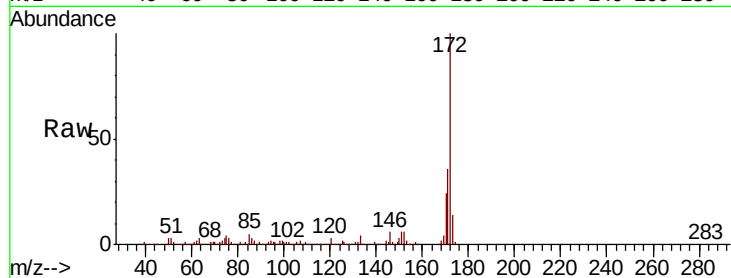




#45
2-Fluorobiphenyl
Concen: 87.819 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

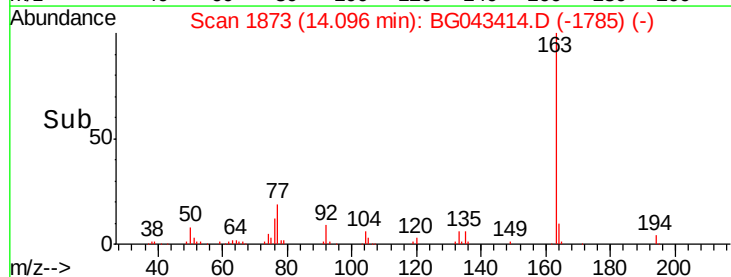
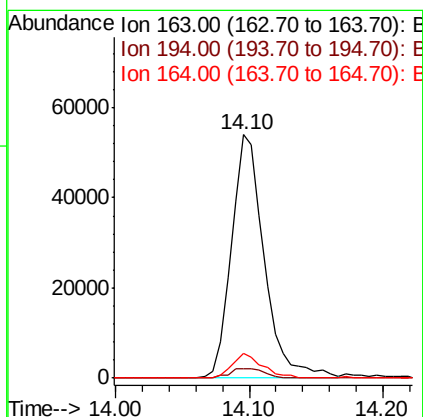
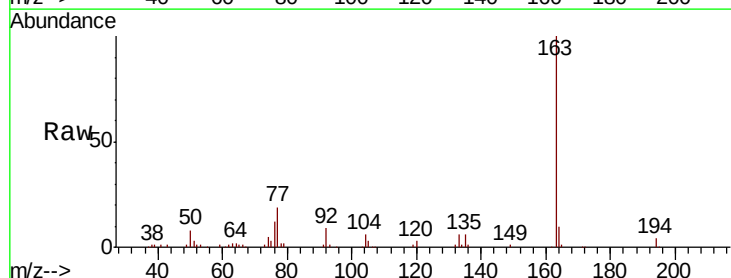
Instrument :
BNA_G
ClientSampled :

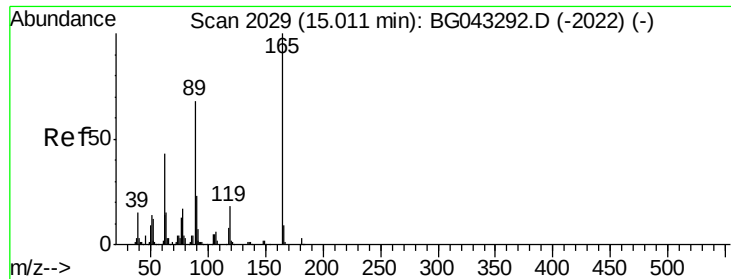
Tot Ion:172 Resp: 736469
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.0 18.8 28.2



#50
Dimethylphthalate
Concen: 10.276 ng
RT: 14.10 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG043414.D
Acq: 30 Oct 2019 23:46

Tgt Ion:163 Resp: 92232
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 10.0 8.1 12.1

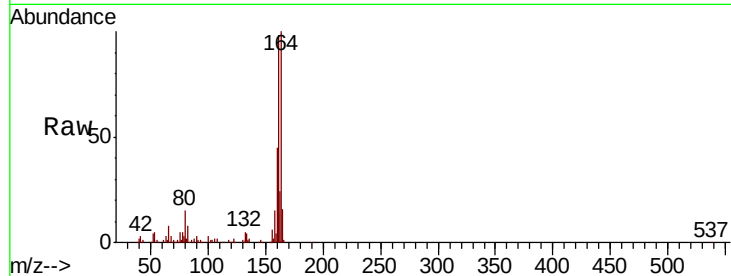




#57
 2,4-Dinitrotoluene
 Concen: 5.707 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.36 min
 Lab File: BG043414.D
 Acq: 30 Oct 2019 23:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	0.0	54.1	81.1#
182	0.0	2.2	3.2#

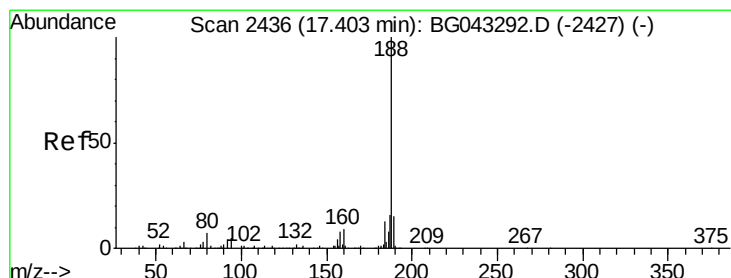
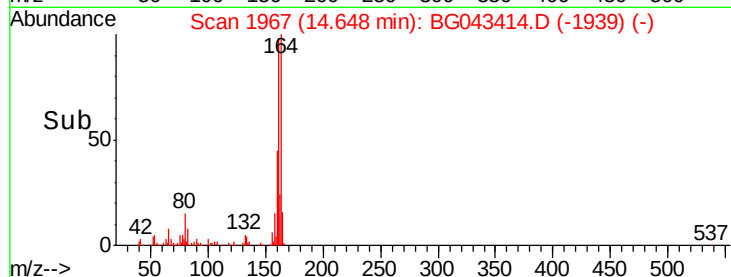
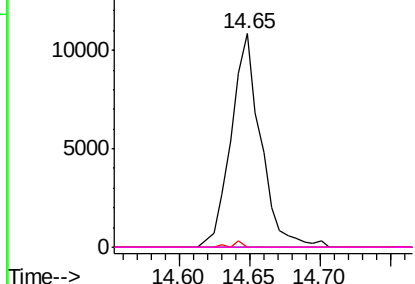


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

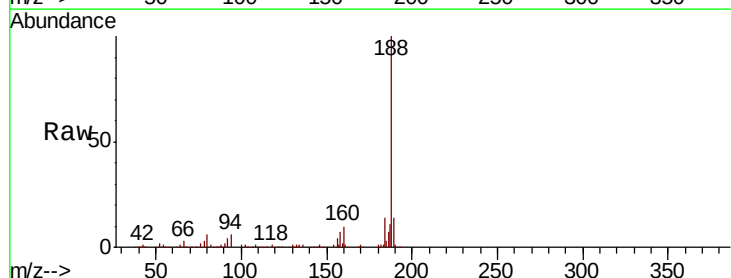
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG043414.D
 Acq: 30 Oct 2019 23:46

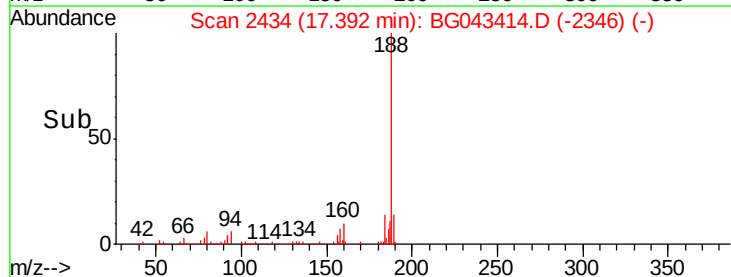
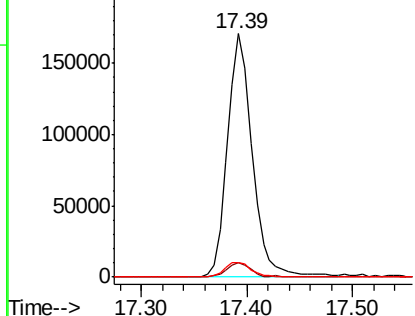
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.2
80	6.1	5.2	7.8

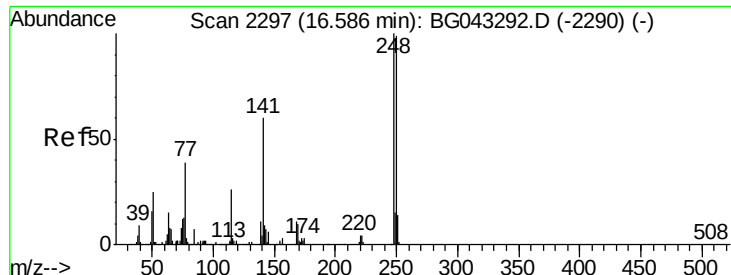


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

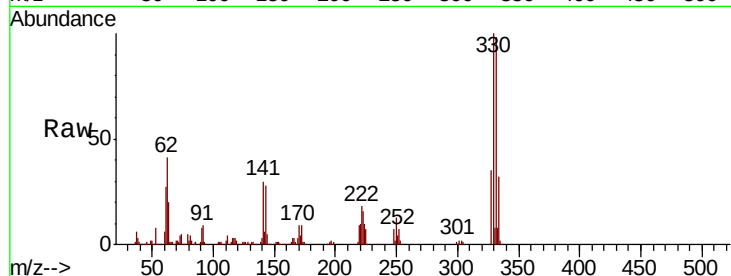




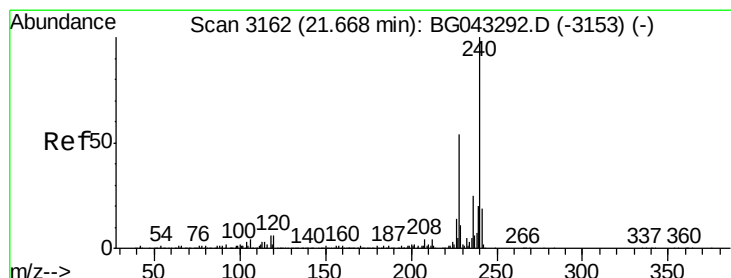
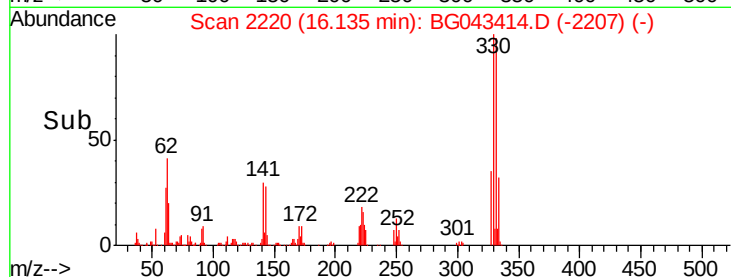
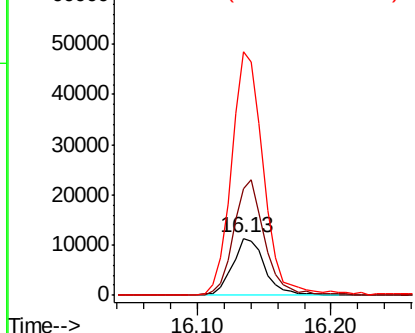
#67
 4-Bromophenyl-phenylether
 Concen: 5.095 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.45 min
 Lab File: BG043414.D
 Acq: 30 Oct 2019 23:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 19085
 Ion Ratio Lower Upper
 248 100
 250 187.1 79.3 118.9#
 141 427.6 47.9 71.9#

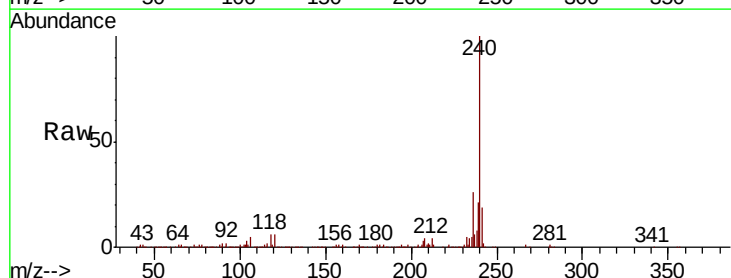


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

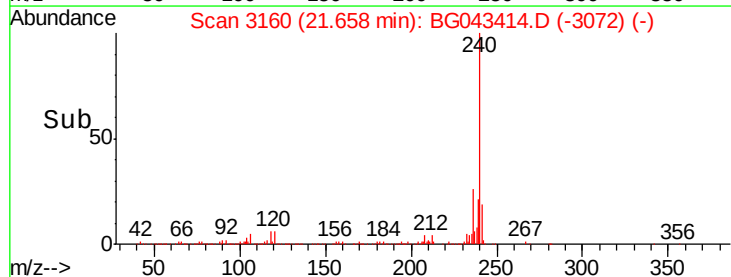
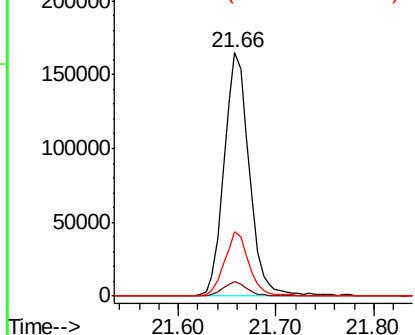


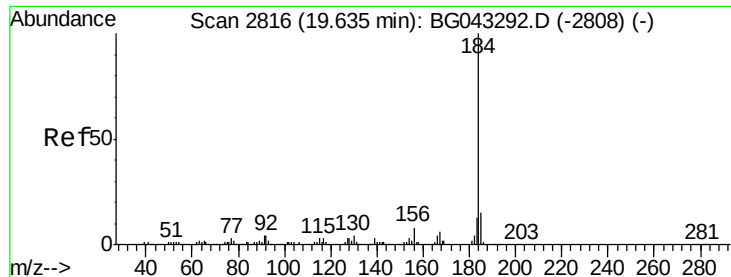
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG043414.D
 Acq: 30 Oct 2019 23:46

Tgt Ion:240 Resp: 296484
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.6 7.0
 236 26.3 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.625 ng

RT: 20.01 min Scan# 2879

Delta R.T. 0.37 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

Instrument :

BNA_G

ClientSampleId :

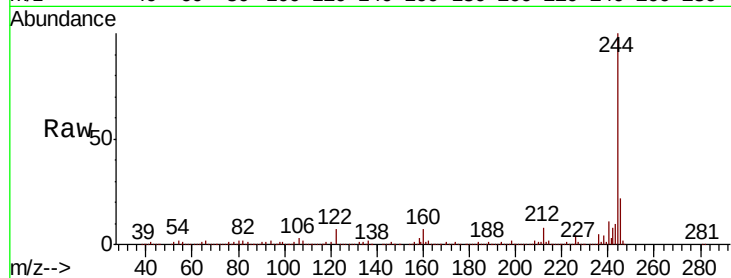
Tot Ion:184 Resp: 21627

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.6

183 7.8 10.6 16.0#

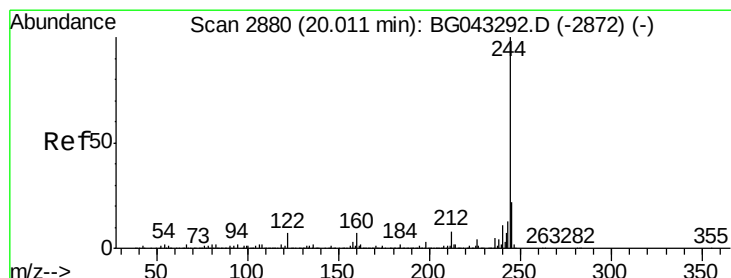
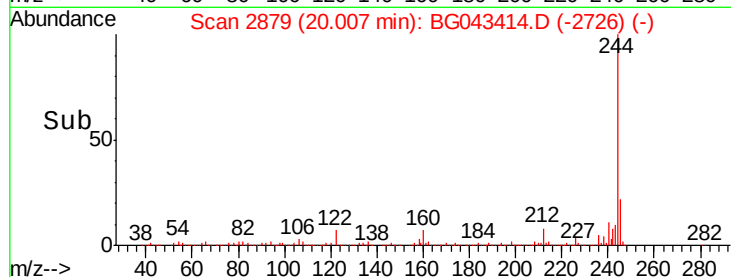
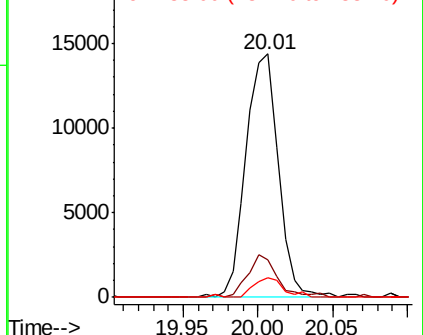


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 91.838 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG043414.D

Acq: 30 Oct 2019 23:46

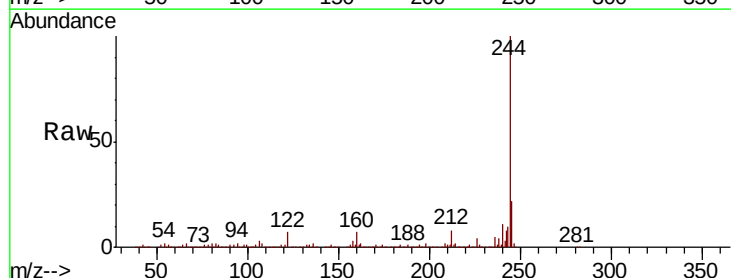
Tgt Ion:244 Resp: 1451363

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

122 6.7 5.3 7.9

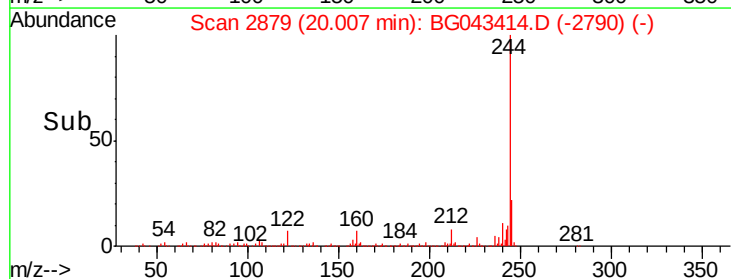
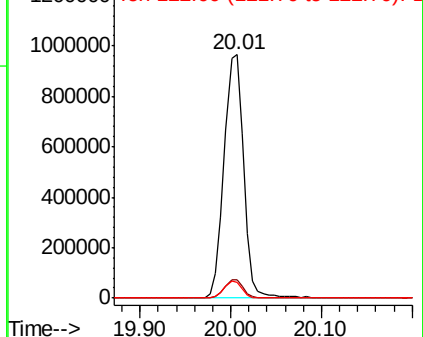


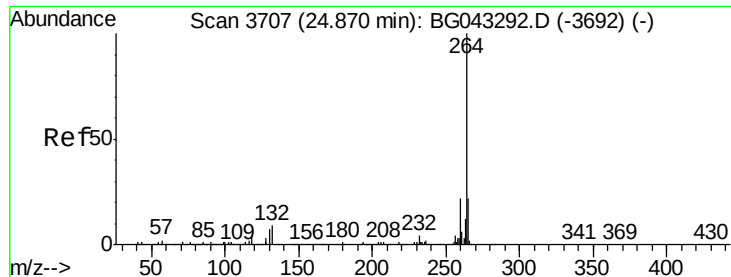
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG043414.D
 Acq: 30 Oct 2019 23:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.9	26.9
265	21.1	17.4	26.2

